

Alfa Laval Access Tank Cover – Oval Cover Type LKD 532 x 432 flat lid

Tank Covers

Introduction

The Alfa Laval Access Tank Cover - Oval Cover Type LKD 532 x 432 flat lid is a stainless steel tank cover that provides a secure fit for openings of tanks or containers as well as quick, easy and convenient entry and egress to tank interiors.

Engineered for use on the side or bottom of tanks or vessels in hygienic applications, the tank cover can be installed with an optional hinge that enables either right- or left-hand opening.

Application

The Access Tank Cover - Oval Cover Type LKD 532 x 432 flat lid is designed for use in hygienic applications across the dairy, food, beverage, and personal care industries. It is especially suitable for use on the bottom of tanks or containers.

Benefits

- Hygienic design
- Suitable for installation on the bottom on the tank
- Can withstand static pressure up to 2.3 bar

Standard design

The Access Tank Cover - Oval Cover Type LKD 532 x 432 flat lid can be positioned above or below the liquid level to meet different application requirements.

Working principle

Open the cover by loosening the handle. For inspection purposes, the cover can then be turned into the tank. If physical entry into the tank is required, the cover can either be removed at the double hinge or swung out of the tank. Hygienically positioned, the seal is not affected by positive or negative pressure in the tank.

Certificates

3.1 (cover and frame are supplied with material certificate 3.1 according to EN10204).



TECHNICAL DATA

Pressure

Max. static pressure:	2.3 bar (230 kPa)
Max. negative working pressure:	0 bar
Test pressure:	3.75 bar (375 kPa)

PHYSICAL DATA

Materials

Steel parts:	1.4301 (304) or 1.4404 (316L)
Plastic parts:	Nylon
Seals (FDA):	EPDM, NBR, FPM or Q (silicone)

Standard lid surface finish

Acid Pickled

Product wetted surfaces:	Ra 0.8 μm (0.4 μm lid wetted surface)
Other frame and lid surfaces:	Ra 0.8 μm (0.4 μm lid wetted surface)
Other support and spindle surfaces:	Ra 3.0 μm

3A surface finish

Electro polished

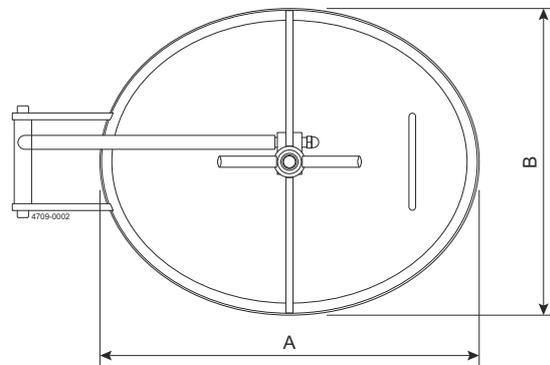
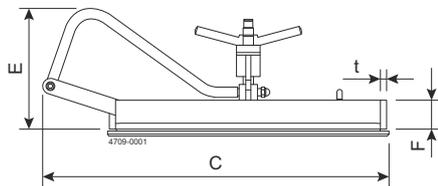
Product wetted surfaces:	Ra 0.8 μm
Other frame and lid surfaces:	Ra 0.8 μm
Other support and spindle surfaces:	Ra 3.0 μm

Temperature

Q:	-50 °C / 200 °C
EPDM:	-15 °C / 90 °C
FPM:	-10 °C / 250 °C
NBR:	-30 °C / 110 °C

Weight:	35.4 kg
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Dimensions (mm)



Type	LKD 532 x 432 flat lid
A:	532
B:	432
C:	662
E:	262
F:	100
t:	12
Cover thickness:	10

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